

Updated 7 May 2015

REX versions typically follow a particular QNX release and are designed to run on a particular motherboard. In the last ten years there have been three primary motherboards qualified for REX- the MSI, Supermicro, and Advantech. The use of these motherboards have spanned QNX releases from versions 6.21 until 6.5.0.

We assume if you are downloading REX now it is for the latest QNX release and the Advantech motherboard. Install instructions for this release and motherboard are in the document "Install Instructions QNX 650.pdf". Also found in this document is the ordering info for the Advantech PC system.

Note that QNX 6.5.0 SP1 is the last QNX release that supports REX and MEX. QNX 6.6 moved to an embedded-only model and no longer supports the Photon window system. QNX has also made it more difficult to obtain a free academic license for version 6.5.0. One must now submit a special request for this version. If in the past you obtained an evaluation key for version 6.5.0 you can still install it on new machines by changing the date in the BIOS to correspond to the date you received the key (eval keys are tied to the date and valid for 30 days). After installation you can change the date to the current date and development features will be disabled but REX/MEX runs without these features.

We are now in the process of porting REX and MEX to real-time Linux. We will also be supporting new a/d cards.

If you need instructions or distribution files for older version of QNX or REX please contact Art Hays ([art@nei.nih.gov](mailto:art@nei.nih.gov)) or John McClurkin ([jwm@nei.nih.gov](mailto:jwm@nei.nih.gov)) directly.